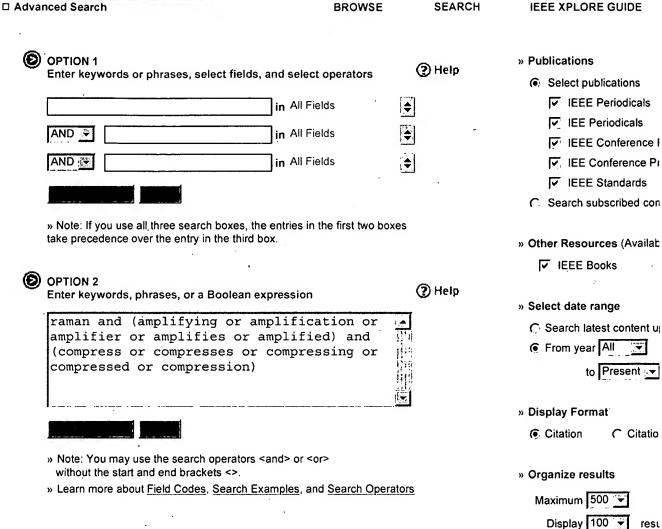


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3. An efficient double-pass Raman amplifier with pump intensity averaging

Goldhar, J.; Taylor, M.; Murray, J.;

Quantum Electronics, IEEE Journal of

Volume 20, Issue 7, Jul 1984 Page(s):772 - 785

AbstractPlus | Full Text: PDF(1920 KB) IEEE JNL

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4. Optical soliton propagation using 3 GHz gain-switched 1.3 μm laser diode

Iwatsuki, K.; Takada, A.; Saruwatari, M.;

**Electronics Letters** 

Volume 24, Issue 25, 8 Dec. 1988 Page(s):1572 - 1574

AbstractPlus | Full Text: PDF(292 KB) | IEE JNL

5. The dynamics of pulse compression in synchronously pumped fiber Ram

Band, Y.B.; Ackerhalt, J.R.; Heller, D.F.;

Quantum Electronics, IEEE Journal of

Volume 26, Issue 7, July 1990 Page(s):1259 - 1264

Digital Object Identifier 10.1109/3.59666

AbstractPlus | Full Text: PDF(516 KB) IEEE JNL

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6. Subpicosecond pulse compression and Raman generation using a mode

	doped fiber laser-amplifier Schlager, J.B.; Hale, P.D.; Franzen, D.L.; Photonics Technology Letters, IEEE Volume 2, Issue 8, Aug. 1990 Page(s):562 - 564 Digital Object Identifier 10.1109/68.58049  AbstractPlus   Full Text: PDF(240 KB) IEEE JNL Rights and Permissions
	7. Adiabatic soliton compression of gain-switched DFB-LD pulse by distribut amplification lwatsuki, K.; Suzuki, Ki.; Nishi, S.; Photonics Technology Letters, IEEE Volume 3, Issue 12, Dec. 1991 Page(s):1074 - 1076 Digital Object Identifier 10.1109/68.118005  AbstractPlus   Full Text: PDF(216 KB) IEEE JNL
	Rights and Permissions
口	8. Generation of dark solitons under optical conditions Zhao, W.; Bourkoff, E.; System Theory, 1991. Proceedings., Twenty-Third Southeastern Symposium c 10-12 March 1991 Page(s):162 - 165 Digital Object Identifier 10.1109/SSST.1991.138538
	AbstractPlus   Full Text: PDF(260 KB) IEEE CNF Rights and Permissions
	<ol> <li>High compression ratio backward Raman conversion for high brightness systems         Nishioka, H.; Kimura, K.; Ueda, K.; Takuma, H.;         Quantum Electronics, IEEE Journal of         Volume 29, Issue 7, July 1993 Page(s):2251 - 2258         Digital Object Identifier 10.1109/3.237501     </li> <li>AbstractPlus   Full Text: PDF(628 KB) IEEE JNL</li> </ol>
	Rights and Permissions
	10. Stimulated Brillouin and Raman scattering for the generation of short excepulses Nassisi, V.; Pecoraro, A.; Quantum Electronics, IEEE Journal of Volume 29, Issue 9, Sept. 1993 Page(s):2547 - 2552 Digital Object Identifier 10.1109/3.247713  AbstractPlus   Full Text: PDF(436 KB) IEEE JNL Rights and Permissions
	11. An induction linac and pulse power system at KEK Kishiro, J.; Ebihara, K.; Hiramatsu, S.; Kimura, Y.; Ozaki, T.; Takayama, K.; W Saito, K.; Particle Accelerator Conference, 1993., Proceedings of the 1993 17-20 May 1993 Page(s):673 - 675 vol.1 Digital Object Identifier 10.1109/PAC.1993.308821 AbstractPlus   Full Text: PDF(236 KB) IEEE CNF Rights and Permissions
Γ	<ol> <li>Nonlinear optical compression of Er<sup>3+</sup>-fiber amplified 1.5-μm laser diode Chusseau, L.; Delevaque, E.;</li> <li><u>Selected Topics in Quantum Electronics, IEEE Journal of</u></li> <li>Volume 2, Issue 3, Sept. 1996 Page(s):500 - 507</li> <li>Digital Object Identifier 10.1109/2944.571750</li> <li><u>AbstractPlus   References   Full Text: PDF(176 KB)   IEEE JNL Bights and Permissions</u></li> </ol>
	Rights and Permissions

	13. Lossless transmission of 2 ps pulses over 45 km of standard fibre at 1.3 distributed Raman amplification Guy, M.J.; Chernikov, S.V.; Taylor, J.R.; Electronics Letters Volume 34, Issue 8, 16 April 1998 Page(s):793 - 794 AbstractPlus   Full Text: PDF(268 KB) IEE JNL
<u></u>	14. Backward Raman pulse compression of KrF laser using transient Raman the generation of high-power and high-energy UV laser pulse Takahashi, E.; Matsumoto, Y.; Okuda, I.; Kato, S.; Owadano, Y.; Kuwahara, K Lasers and Electro-Optics, 1999. CLEO '99. Summaries of Papers Presented: on 23-28 May 1999 Page(s):417 Digital Object Identifier 10.1109/CLEO.1999.834387 AbstractPlus   Full Text: PDF(124 KB) IEEE CNF Rights and Permissions
	15. Picosecond soliton pulse-duration-selectable source based on adiabatic Raman amplifier Reeves-Hall, P.C.; Lewis, S.A.E.; Chenikov, S.V.; Taylor, J.R.; Electronics Letters Volume 36, Issue 7, 30 March 2000 Page(s):622 - 624 Digital Object Identifier 10.1049/el:20000497 AbstractPlus   Full Text: PDF(168 KB) IEE JNL
Γ	16. Superradiant pulse compression using free-carrier plasma Shvets, G.; Fisch, N.J.; Pukhov, A.; Meyer-ter-Vehn, J.; Lasers and Electro-Optics Society 2000 Annual Meeting, LEOS 2000. 13th An IEEE Volume 1, 13-16 Nov. 2000 Page(s):292 - 293 vol.1 Digital Object Identifier 10.1109/LEOS.2000.890793 AbstractPlus   Full Text: PDF(148 KB) IEEE CNF Rights and Permissions
<u>г.</u>	17. Generation of periodic sequences of compressed pulsed using the ultraf modulator Wittermann, M.; Nazarkin, A.; Korn, G.; Lasers and Electro-Optics, 2000. (CLEO 2000). Conference on 7-12 May 2000 Page(s):445 - 446 Digital Object Identifier 10.1109/CLEO.2000.907229 AbstractPlus   Full Text: PDF(184 KB) IEEE CNF Rights and Permissions
<u>.</u>	18. Pulse compression and amplification by stimulated Raman scattering in periodic structure Perlin, V.; Winful, H.G.; Lasers and Electro-Optics, 2000. (CLEO 2000). Conference on 7-12 May 2000 Page(s):151 - 152 Digital Object Identifier 10.1109/CLEO.2000.906845  AbstractPlus   Full Text: PDF(160 KB) IEEE CNF Rights and Permissions
	19. High repetition rate frequency doubled source using adiabatic Raman co Reeves-Hall, P.C.; Lewis, S.A.E.; Popov, S.V.; Chernikov, S.V.; Taylor, J.R.; Lasers and Electro-Optics, 2000. (CLEO 2000). Conference on 7-12 May 2000 Page(s):259 - 260 Digital Object Identifier 10.1109/CLEO.2000.906986  AbstractPlus Levil Text: PDE(168 KB). JEEE CNE

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	20. Picosecond pulse-duration-selectable soliton source based upon adiabatin a Raman amplifier  Lewis, S.A.E.; Reeves-Hall, P.C.; Chernikov, S.V.; Taylor, J.R.;  Optical Fiber Communication Conference, 2000  Volume 1, 7-10 March 2000 Page(s):257 - 259 vol.1  Digital Object Identifier 10.1109/OFC.2000.868433  AbstractPlus   Full Text: PDF(184 KB) IEEE CNF  Rights and Permissions
Ľ	21. Short pulse solid-state Raman laser and its application to laser-machinin Deki, K.; Arisawa, T.; Nishimura, A.; Usami, T.; Shimobeppu, Y.; Hayasakai, N. A.; Pasmanik, G.; Lasers and Electro-Optics, 2001. CLEO/Pacific Rim 2001. The 4th Pacific Rim Volume 2, 15-19 July 2001 Page(s):II-288 - II-289 vol.2 Digital Object Identifier 10.1109/CLEOPR.2001.970945  AbstractPlus   Full Text: PDF(108 KB) IEEE CNF Rights and Permissions
Γ	22. Adiabatic soliton compression from 8 ps to 120 fs in a cascaded Raman/amplifier Liu, X.; Xu, C.; Boivin, L.; Knox, W.H.; Lasers and Electro-Optics, 2001. CLEO '01. Technical Digest. Summaries of pat the Conference on 6-11 May 2001 Page(s):47 - 48 Digital Object Identifier 10.1109/CLEO.2001.947446 AbstractPlus   Full Text: PDF(208 KB) IEEE CNF Rights and Permissions
	23. Wavelength and duration tunable subpicosecond source using adiabatic compression Reeves-Hall, P.C.; Taylor, J.R.; Lasers and Electro-Optics, 2001. CLEO '01. Technical Digest. Summaries of p at the Conference on 6-11 May 2001 Page(s):228 - 229 Digital Object Identifier 10.1109/CLEO.2001.947739 AbstractPlus   Full Text: PDF(280 KB) IEEE CNF Rights and Permissions
	24. Transient effects in chirped pulse stimulated Raman scattering and linea Kalosha, V.P.; Herrmann, J.; Zhavoronkov, N.; Noack, F.; Petrov, V.; Lasers and Electro-Optics, 2001. CLEO '01. Technical Digest. Summaries of p at the Conference on 6-11 May 2001 Page(s):227 - 228 Digital Object Identifier 10.1109/CLEO.2001.947738 AbstractPlus   Full Text: PDF(224 KB) IEEE CNF Rights and Permissions
	25. 10-GHz 1.3-ps pulse generation using chirped soliton compression in a F medium Murphy, T.E.; Photonics Technology Letters, IEEE Volume 14, Issue 10, Oct. 2002 Page(s):1424 - 1426 Digital Object Identifier 10.1109/LPT.2002.801828 AbstractPlus   References   Full Text: PDF(195 KB) IEEE JNL Rights and Permissions
<u></u>	26. Simulation of laser pulse amplification in a plasma by a counterpropagat

Lee, H.J.; Mardahl, P.J.; Penn, G.; Wurtele, J.S.; Plasma Science, IEEE Transactions on Volume 30, Issue 1, Part 1, Feb. 2002 Page(s):40 - 41 Digital Object Identifier 10.1109/TPS.2002.1003913 AbstractPlus | References | Full Text: PDF(197 KB) | IEEE JNL Rights and Permissions 27. 4/spl times/repetition rate multiplication and adiabatic Raman compressioptical pulses in a single fiber de Matos, C.J.S.; Chestnut, D.A.; Taylor, J.R.; Lasers and Electro-Optics, 2002, CLEO '02, Technical Digest, Summaries of F 2002 Page(s):433 vol.1 Digital Object Identifier 10.1109/CLEO.2002.1034168 AbstractPlus | Full Text: PDF(206 KB) | IEEE CNF Rights and Permissions 28. Characteristics of pulse compression in laser pulse amplification by stim backscattering Kim, J.B.F.; Hae June Lee; Hyyong Suk; In Soo Koa; Particle Accelerator Conference, 2003. PAC 2003. Proceedings of the Volume 5, 12-16 May 2003 Page(s):2984 - 2986 vol.5 Digital Object Identifier 10.1109/PAC.2003.1289788 AbstractPlus | Full Text: PDF(1361 KB) IEEE CNF Rights and Permissions 29. A SiGe active sub-harmonic receiver front-end for 5-6 GHz wireless appli Γ. Svitek, R.; Raman, S.; Silicon Monolithic Integrated Circuits in RF Systems, 2003. Digest of Papers. 2 Meeting on 9-11 April 2003 Page(s):64 - 67 AbstractPlus | Full Text: PDF(324 KB) | IEEE CNF Rights and Permissions 30. Conference on Lasers and Electro-Optics (CLEO) (IEEE Cat. No.CH37419 Lasers and Electro-Optics, 2003. CLEO '03. Conference on 1-6 June 2003 Digital Object Identifier 10.1109/CLEO.2003.1297695 AbstractPlus | Full Text: PDF(564 KB) | IEEE CNF Rights and Permissions 31. Wavelength and duration-tunable 10-GHz 1.3-ps pulse source using disp  $\Box$ decreasing fiber-based distributed Raman amplification Kogure, T.; Lee, J.H.; Richardson, D.J.; Photonics Technology Letters, IEEE Volume 16, Issue 4, April 2004 Page(s):1167 - 1169 Digital Object Identifier 10.1109/LPT.2004.824645 AbstractPlus | References | Full Text: PDF(152 KB) | IEEE JNL Rights and Permissions 32. High-power widely tunable 40-GHz pulse source for 160-gb/s OTDM syste nonlinear fiber effects Ciaramella, E.; Contestabile, G.; D'Errico, A.; Loiacono, C.; Presi, M.; Photonics Technology Letters, IEEE

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Volume 16, Issue 3, March 2004 Page(s):753 - 755 Digital Object Identifier 10.1109/LPT.2004.823772

AbstractPlus | References | Full Text: PDF(200 KB) | IEEE JNL

33. Numerical and experimental study of parabolic pulses generated via Ran Γ in standard optical fibers Finot, C.; Millot, G.; Pitois, S.; Billet, C.; Dudley, J.M.; Selected Topics in Quantum Electronics, IEEE Journal of Volume 10, Issue 5, Sept.-Oct. 2004 Page(s):1211 - 1218 Digital Object Identifier 10.1109/JSTQE.2004.837214(410) 1 AbstractPlus | References | Full Text: PDF(552 KB) | IEEE JNL Rights and Permissions 34. Dependence of parabolic pulse evolution and compression on SRS thres Guoqing Chang; Galvanauskas, A.; Winful, H.G.; Norris, T.B.; Lasers and Electro-Optics, 2004. (CLEO). Conference on Volume 2, 16-21 May 2004 Page(s):2 pp. vol.2 Digital Object Identifier 10.1109/CLEO.2004.1360597 AbstractPlus | Full Text: PDF(358 KB) IEEE CNF Rights and Permissions 35. High quality 1.3 ps 10 GHz soliton pulse source employing dispersion de based Raman amplifier

Kogure, T.; Ju Han Lee; Richardson, D.J.;

Optical Fiber Communication Conference, 2004. OFC 2004 Volume 2, 23-27 Feb. 2004 Page(s):3 pp. vol.2 Digital Object Identifier 10.1109/OFC.2004.1362062 AbstractPlus | Full Text: PDF(291 KB) | IEEE CNF

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Nicholson, J.W.; Fini, J.M.; Bouteiller, J.-C.; Bromage, J.; Brar, K.;

Lightwave Technology, Journal of

Volume 22, Issue 1, Jan. 2004 Page(s):71 - 78 Digital Object Identifier 10.1109/JLT.2004.823355

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